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Au	AA	34,426	02/18/1862	G.W. H	oward					
	AB	389,615	09/18/1888	T.F. To	wnsend		CEIVE	<b>D</b>		
	AC	1,723,307	08/06/1929	H.E. Sip	e	_n	<u> </u>			
	AD	1,921,015	08/08/1933	J.M. Yo	ung	- 9	SEP 11 200	2		
	AE	2,065,480	12/22/1936	C.C. So	per	TECHN	OLOGY CENTER	R3700		
	AF	2,371,404	03/13/1945	I.R.J. M	umford .	-				
	AG	2,391,926	01/01/1946	W.E. Sc	ott		-			
	АН	2,492,699	12/27/1949	R. Houv	vink	-				
	AI	2,685,964	08/10/1954	R.W. Bı	own	_	_			
	AJ	2,724,358	11/22/1955	L.B. Ha	rris et al.					
1/	AK	2,725,027	11/29/1955	C.W. Bı	andon et al.		_			
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<u></u>	AL	EP 0 134 706 A	03/20/1985	Europe		_		<u> </u>	<u> </u>	
	AM	EP 0 710 736 A1	11/02/1994	Europe		-				
	AN	EP 0 862 870 A	09/09/1998	Europe		_			ļ	
	AO	EP 0 832 032 B1	04/14/1999	Europe			_	<u> </u>	ļ	
<u> </u>	AP	GB 824 984 A	12/09/1959	Great B	ritain					
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h	AQ	McGraw-Hill Encycle Paragraph 4; figures 6		d Technol	ogy, 6 <sup>th</sup> Edition, 1987, McGraw-Hil	l Book Company	, New York XP002203	369918, pages 2	247-248	
<u>_i_</u>	AR	"3-D Braided Compo	sites - Design and A	pplication	s" by D. Brookstein, 6 <sup>th</sup> European Co	onference on Co	mposite Materials, Sept	tember 1993, pr	ρ. 225-230.	
	AS	Pages from web site of	of Bradley Textiles, I	nc.	****					
	AT	International Search F	Report issued by Eur	opean Pat	ent Office on July 9, 2002 for PCT/L	JS02/10694 filed	April 5, 2002.	<u>-</u>		
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Az	AA	2,794,192	06/04/1957	T. Paris						
ĺ	AB	2,854,049	09/30/1958	s.s. Wy	llie	_				
	AC	2,968,272	01/17/1961	U.E.A.	Berglund					
	AD	2,979,008	04/11/1961	W. Whi	pple	REC	<b>JEIMED</b>			
	AE	2,997,973	08/29/1961	W.R. H	awthorne et al.	SEP	1 1 7002			
	AF	2,998,793	09/05/1961	W.R. Hawthorne et al.						
	AG	3,001,501	09/26/1961	W.R. H	awthorne et al.	TECHNOLO	GY CENTER R	700		
	АН	3,018,748	01/30/1962	L. Denis	s et al.	_				
	AI	3,056,373	10/02/1962	W.R. H	awthorne et al.	·	_			
	AJ	3,067,712	12/11/1962	E.H. Ko	erpinghaus	_				
<b>\</b>	AK	3,150,627	09/29/1964	R.M. St	ewart et al.					
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IN	AL	GB 826 301 A	12/31/1959	Great B	ritain					
	AM	GB 933 889 A	08/14/1963	Great B	ritain			į		
	AN	DE 198 21 465 A	11/18/1999	German	у	<u> </u>	-		х	
	AO	JP 60 219243 A	11/01/1985	Japan			<u> </u>		х	
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An	AA	3,167,103	01/26/1965	W.R. H	awthorne et al.		_			
	AB	3,224,403	12/21/1965	A.L. Pa	ddington					
	AC	3,282,361	11/01/1966	H.A. M	ackie	REC	EIVED			
	AD	3,289,721	12/06/1966	Benson		SEP	1 2002			
	AE	3,296,994	01/10/1967	J.F. Sch	irtzinger	I	′I — I			
	AF	3,502,046	03/24/1970	H.J. Sta	uber	ECHNOLO	GY CENTER R3	700		
	AG	3,622,437	11/23/1971	Hobaica	et al.		-			
	АН	3,661,693	05/09/1972	Pierson						
	AI	3,672,319	06/27/1972	Platzer			_			
	AJ	3,739,410	06/19/1973	Fortin		_	_			
V	AK	3,774,563	11/27/1973	Anderso	on, Sr. et al.					
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		AB	3,797,445	03/19/1974	Zeimer			-1.70			
		AC	3,812,805	05/28/1974	Forssell	et al.	REC	LIVED	***************************************		
		AD	3,839,977	10/08/1974	Bradber	ту	SEP	1 <del>2</del> 002			
		AE	3,952,679	04/27/1976	Grihang	ne			700		
		AF	3,955,524	05/11/1976	Renoux	•	ECHNOLO	OGY CENTER RS	, 00		
		AG	3,974,789	08/17/1976	DeGroo	t	_	·			
		AH	4,108,101	08/22/1978	Schirtzinger		_	_			
		ΑI	4,227,474	10/14/1980	Ullrich		_				
		AJ	4,227,477	10/14/1980	Preus		-	_			
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the	AA	4,230,061	10/28/1980	Roberts			-			
	AB	4,373,462	02/15/1983	Fish		_		<u></u>		
	AC	4,399,765	08/23/1983	Alkner e	et al.	ECEI'	MED-			
	AD	4,506,623	03/26/1985	Roper e	t al.	-011	2002 —			
	AE	4,509,558	04/09/1985	Slater	`	EP 1 1	T 1			
	AF	4,510,201	04/09/1985	Takeuch	i et al. TECHN	OLOGY CE	NTER R3700			
	AG	4,582,756	04/15/1986	Niinuma		_	<b>-</b>			
	АН	4,726,986	02/23/1988	Cannad	y, Jr. et al.	_				
	AI	4,933,231	06/12/1990	Seber		_	_			
	AJ	4,998,498	03/12/1991	Gallicha	n		-			
	AK	5,082,726	01/21/1992	Bastiaer	s et al.		-			
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the	AA	5,194,459	03/16/1993	Sato et a	1.					
. [	AB	5,203,272	04/20/1993	Kassing	er et al.					
	AC	5,235,928	08/17/1993	Shank, J	r. D	ECE	VED-		_	
	AD	5,243,925	09/14/1993	Fortenbe	ту		2002			
	AE	5,262,230	11/16/1993	Becker e		PEL T	2002			
	AF	5,355,819	10/18/1994	Hsia et a	il. TECH	NOLOGY E	ENTER_B3700			
	AG	5,360,656	11/01/1994	Rexfelt (			-			
	АН	5,391,424	02/21/1995	Kolzer			-	<del> </del>		
	AI	5,413,065	05/09/1995	Spragg e	et al.		-			
	AJ	5,421,128	06/06/1995	Sharples	s et al.	-	-			
	AK	5,431,970	07/11/1995	Broun et	al.					
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The	AA	5,482,763	01/09/1996	Shaffer							
7	AB	5,488,921	02/06/1996	Spragg		_					
	AC	5,503,291	04/02/1996	Craig	RI	ECEI	VED_				
	AD	5,505,557	04/09/1996	Bradley		FP 1 1	2002				
	AE	5,544,612	08/13/1996	Eymard							
	AF	5,657,714	08/19/1997	Hsia et a	TECHNO	LOGY CE	NTER <del>R370</del> 0				
	AG	5,691,390	11/25/1997	Harrison	ı et al.	_					
	ΑН	5,713,399	02/03/1998	Collette	et al.						
	AI	5,735,083	04/07/1998	Brown e	et al.		_				
	AJ	5,780,144	07/14/1998	Bradley		-					
~	AK	5,790,304	08/04/1998	Sanders	et al.	-	_				
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the	AA	5,865,045	02/02/1999 W	agner	et al.					
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	AC	5,921,421	07/13/1999 Ft	ıquan	R	EGEI	AEA			
	AD	5,951,345	09/14/1999 Pe	errator	ne et al.	SEP-1 1	2002 —			
	AE	6,003,565	12/21/1999 W	- 'hittie:	, II et al.				·	
	AF	6,047,655	04/11/2000 Ci	ran	TECHN	OLOGY CE	NTER R3700			
	AG	6,056,438	05/02/2000 Bi	radley						
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